

**AMENDMENTS TO THE SPECIFICATION**

Please replace paragraph [0025] with the following amended paragraph:

[0025] FIG. 1 shows schematically an optical system according to an embodiment of the the invention. The optical system comprises a ~~first optical unit, such as a~~ lens 10. FIG. 1 also schematically illustrates a scene in the form of an aeroplane 12 which is located outside of the optical system. The scene 12 is usually located at a large distance from the optical system such that incident electromagnetic radiation 14 from the scene 12 is incident on the lens 10 as parallel rays.